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Part Number:

0502178000

Status:

Active

Description:

3.50mm (.138") Pitch Crimp Terminal 50217, 18-24 AWG, Reel, Phosphor Bronze

Documents:

- 3D Model

Product Specification PS-51067-018 (PDF)
- Drawing (PDF)

Product Specification PS-51067-022 (PDF)
- Product Specification PS-51067-003 (PDF)

Product Specification PS-51067-023 (PDF)
- Product Specification PS-51067-004 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-51067-006 (PDF)

General

Product Family

Crimp Terminals

Series

50217

Crimp Quality Equipment

Yes

Product Name

N/A

Physical

Gender

Female

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Packaging Type

Reel

Plating min: Mating (µin)

36

Plating min: Mating (µm)

0.90

Plating min: Termination (µin)

36

Plating min: Termination (µm)

0.90

Termination Interface: Style

Crimp or Compression

Wire Insulation Diameter

1.40-3.00mm (.055-.118")

Wire Size AWG

18, 20, 22, 24

Wire Size mm²

N/A

Material Info

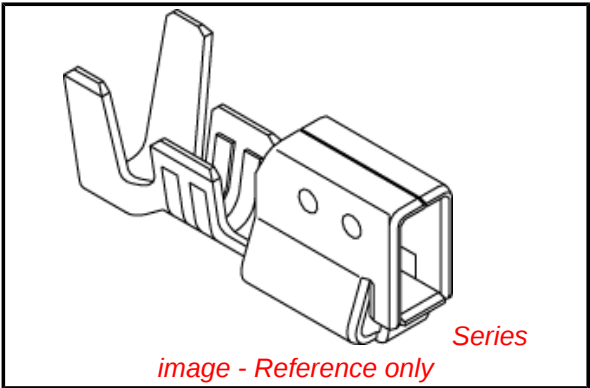
Reference - Drawing Numbers

Product Specification

PS-51067-003, PS-51067-004, PS-51067-006,
PS-51067-018, PS-51067-022, PS-51067-023,
RPS-51067-030, RPS-51067-037

Sales Drawing

SD-50217-****



EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Need more information on product
environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
50217Series

Mates With
50419

Use With
51067

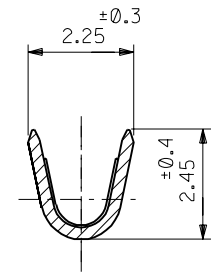
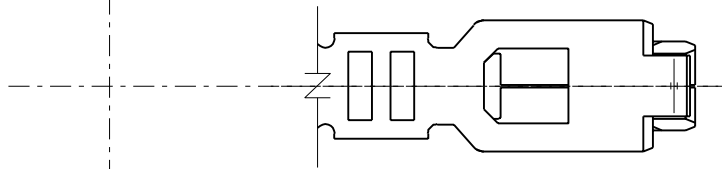
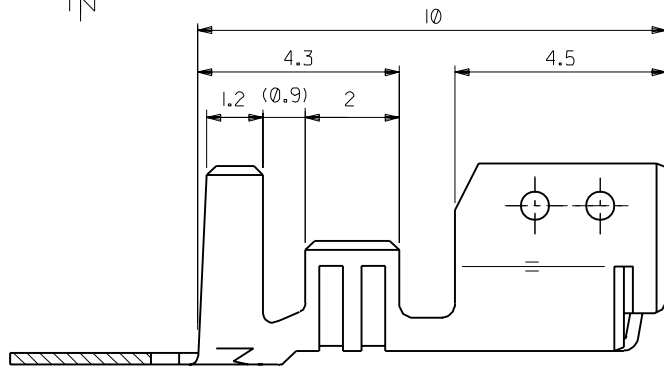
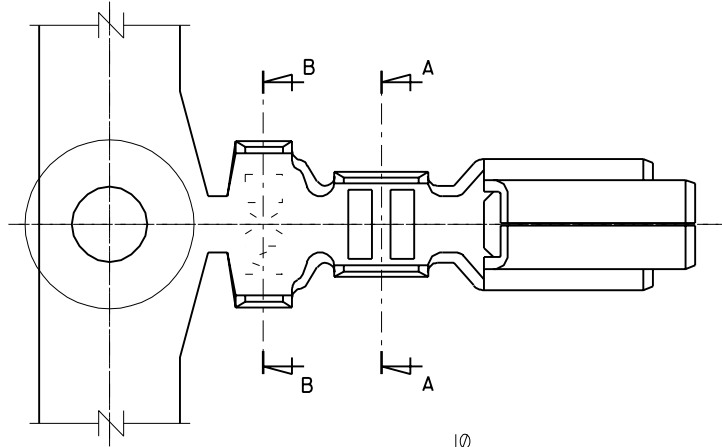
Application Tooling | [FAQ](#)
*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Global	
Description	Product #
Hand Crimp Tool, UL Approved	0638118300
T2 Terminator Die, Large Insulation	0638503000
T2 Terminator Die, Small Insulation	0638503100

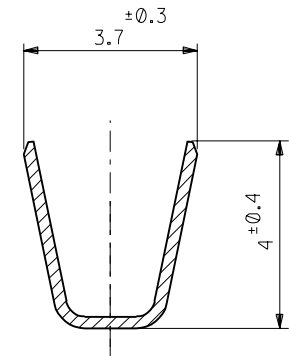
	FineAdjust™ Applicator, Small Insulation	<u>0638603100</u>
	FineAdjust™ Applicator, Large Insulation	<u>0638603000</u>
	Japan	
	Description	Product #
	Hand Extraction Tool	<u>0011260100</u>
	Applicator for M211A	<u>0571833000</u>
	Bench Press, 18-24 AWG, for 50217 and 50539 Crimp Terminal	
	Side-Feed Applicator	<u>0571833200</u>
	For Full-Auto Machine	

This document was generated on 04/15/2010

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SECT.A-A



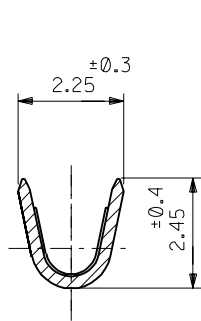
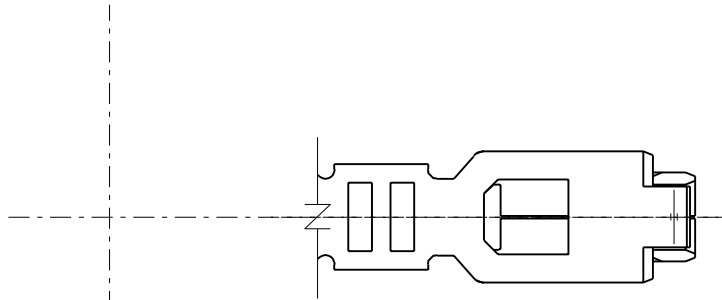
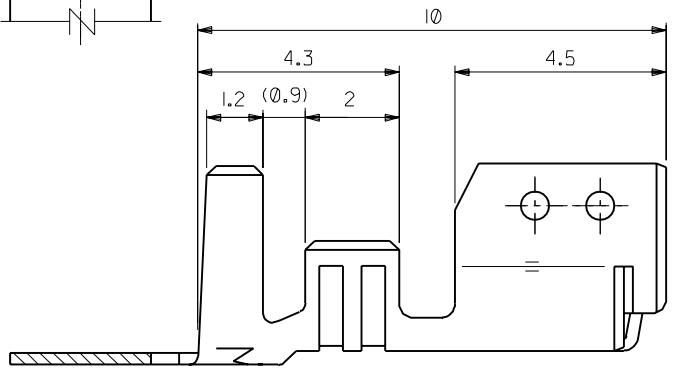
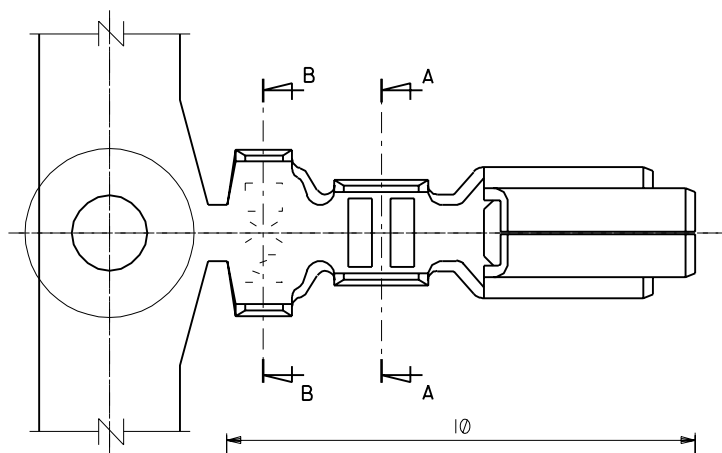
SECT.B-B

注記

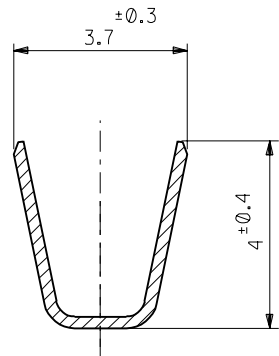
1. 適合ハウジング: 51067-**00

リン青銅, 錫メッキ (t=0.254)	50217-8100	バラ状
	50217-8000	連鎖状
黄銅, 錫メッキ (t=0.254)	50217-9101	バラ状
	50217-9001	連鎖状
材 料	ENG. NO.	端子形状

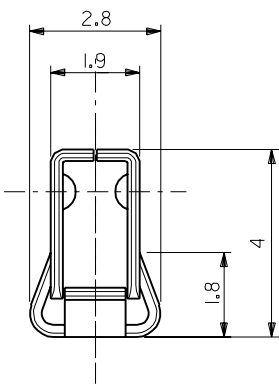
角 度 ANGLE		±3°	材 料 MATERIAL		MOLEX MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
30°以上 OVER	±0.3	A 変更 (J00226)	仕上げ FINISH	—	EDP. NO.	
10°以上 30°未満 OVER UNDER	±0.25	0 新規作成 (J91079)	適用電線範囲 WIRE RANGE	AWG#18~#24	ENG. NO.	REV
10°未満 UNDER	±0.2	記号 LTR 変更内容 REVISION RECORD DR. CHK. DATE	被覆外径 INS. RANGE	φ1.4 ~ φ3.0	SD-50217-*****	A
一般公差 GENERAL TOLERANCES		REVISION RECORD		DRAWN BY: 99-12-19 K.ASAKAWA CHK'D BY: 99-11-15 M.FUKUSHIMA APP'D BY: 99-11-15 M.ENOMOTO	TITLE 名称 3.5 WIRE TO BOARD CONN. CRIMP RECEPTACLE	
		REVISION RECORD		尺 度 SCALE		



SECT.A-A



SECT.B-B



NOTES

1. APPLICABLE HOUSING :51067-***00

PHOS. BRO. PRE-TINNED (t=0.254)	50217-8100	LOOSE
	50217-8000	CHAIN
BRASS PRE-TINNED (t=0.254)	50217-9101	LOOSE
	50217-9001	CHAIN
MATERIAL	ENG. NO.	FORM

材料 MATERIAL REFER TO CHART		molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
仕上げ FINISH		EDP. NO.	
適用電線範囲 WIRE RANGE		ENG. NO.	
被覆外径 INS. RANGE		REV	
DRAWN BY		TITLE 名称	
CHK'D BY		3.5 WIRE TO BOARD CONN.	
APP'D BY		CRIMP RECEPTACLE	
DATE		尺 度 SCALE	
REVISION RECORD		50217-S03	
記号 LTR		MXJ-B	
REVISION RECORD			
DR. CHK. DATE			
REVISE ONLY ON CAD SYSTEM			

角度 ANGLE	±3°
30°以上 OVER	±0.3
10°以上 30°未満 UNDER	±0.25
10°未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	